

CHAPTER 5

SOLUTION IMPLEMENTATION

5.1 System Specification

In the development of the proposed system transaction and inventory for Prima Glass, there are tools and software that are used, which are:

Hardware:

1. Pentium Celeron 2.16 Giga Hertz
2. Memory 1 Giga Bytes
3. Printer
4. Monitor Screen
5. Input Device (Mouse and Keyboard)
6. Free Hard disk min. 5 Giga Bytes for software requirement

Software:

1. Microsoft Windows XP Professional
2. .Net framework
3. Visual Studio .Net 2005
4. MS SQL Server 2005
5. MS Office 2007
6. MS Visio 2003

5.2 Operational Procedure

In order to develop proposed system, there are some procedures which are:

1. Install SQL server express
2. Install .net framework and Visual Studio.net
3. Install IIS web server

5.3 Print Screen

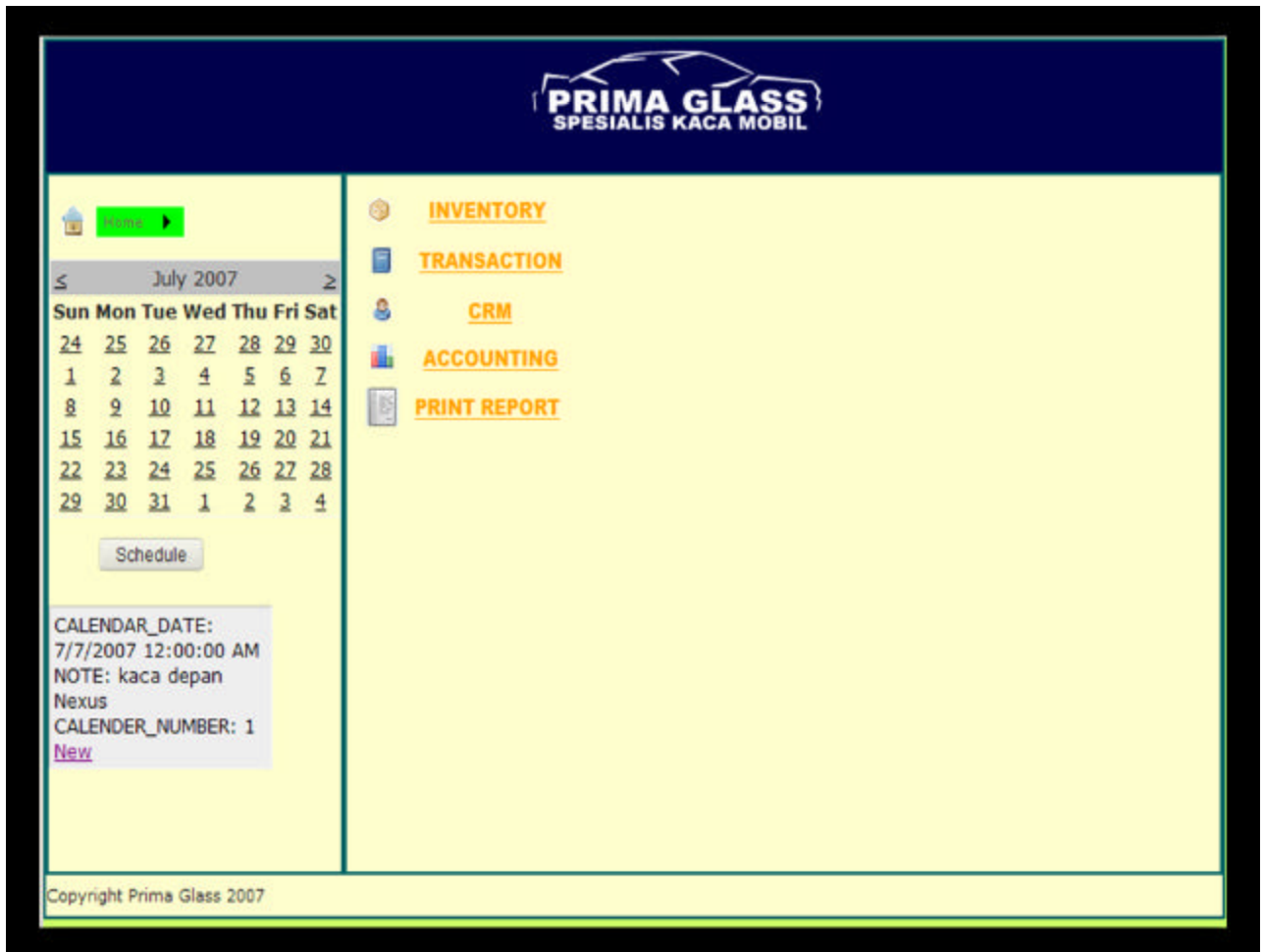


Figure 5.1 Main menu page

After the administrator has logged into the system they will be redirected to the main page, figure 5.1 describes it. Author has designed the page and the entire outlook for the website so that it would look simple yet still have the functionalities needed to administer the system. On the left pane of the system which is separated by a line, is a menu navigator that can be triggered by a mouse over event. The menu navigator can take you anywhere within the website. Below the menu navigator is a calendar and a

task scheduler view. This allows the admin easy access upcoming appointments or tasks that need to be accomplished.

The supplier profile page in the CRM sub menu is a list of all suppliers of Prima Glass. The admin can take a quick overview of all of the suppliers in the top list view panel. If they want to update a supplier they must click select besides the supplier they want to update in the list view. The details of the supplier will be shown in a form view below the list view. The admin can then choose to edit, delete or create a new supplier from the links provided. Refer to figure 5.2 for illustration.

Suplier Profile						
	Name	Description	Address	Contact Person	Phone	Phone2
Select	AD Parts	All kinds of CBU	jl. Bukit Cinere Raya no. 162 E	Hermawan / Dino	754-8157	753-6367
Select	Adedanmas	Mercedes Benz	jl. Letjen TB Simatupang Kav 5		765-3366	
Select	AGI	All Items	jl. Danau Sunter Utara Blok J12 no. 78 - 79	Iman / Putri	6530-3300	651-0018
Select	City Motor	Honda	Duta Mas Fatmawati Lantai I no. 17	Rosy	7279-3661	725-6140
Select	City Motor	Toyota	Duta Mas Fatmawati	Neni	7279-6257	7279-3648
Select	CV Mitra Baru	All Items	Komp. Marinatama Mangga Dua Blok C no. 11	Larni	645-7508	645-7807
Select	Moro Seneng	All Items	jl. Bangau IV no. 2E Senen	Ci Awan / Amoy	420-1972	422-1098
Select	Surya Kencana Sukses	KIA, Hyundai, Timor, Mitsubishi	Taman Palem Lestari Ruko fantasi Blok Z3 no. 9	Franky / Hendry	5596-0411	5596-0293

SUPPLIER_ID: 1 SUPPLIER_TYPE: SUPPLIER_NAME: AD Parts SUPPLIER_DESCRIPTION: All kinds of CBU SUPPLIER_ADDRESS: jl. Bukit Cinere Raya no. 162 E SUPPLIER_PHONE: 754-8157 SUPPLIER_FAX: SUPPLIER_CONTACTPERSON: Hermawan / Dino SUPPLIER_PHONE2: 753-6367 SUPPLIER_POSTCODE: SUPPLIER_CITY: Edit Delete New

Figure 5.2 supplier profile page

The customer profile page (figure 5.3) in CRM sub menu is very similar to the supplier profile page. The same functionalities exist as in the supplier profile page such as: view a list of customer in list view, and then edit the selected customer from the form view.

Customer Profile													
	Name	Address	Phone	Type	Fax	Contact Person	Description	Cashier	Postcode	City	Email	Discount	
Select	Armada Auto Tara	jl. Margonda Raya no. 12 Depok	777-5477	authorized	777-5477	Bahrudin	Daihatsu						jakarta selatan
Select	Astrindo Fatmawati	jl. RS Fatmawati no.1	750-5297	authorized		Cucu / Zamzam		Cucu / Zamzam					jakarta selatan
Select	PT. Sun Hyundai Motor	jl. Panjang no. 1 Kebun Jeruk	532-1359	authorized	536-7441	Toto Mustafa		Erika					jakarta barat
Select	Auto Kit Terogong	jl. Terogong Raya no. 31	7590-2165	bodyrepair	7590-2165	Wisnu		Wisnu					jakarta selatan
Select	Alyssa Motor	jl. Ciputat Raya no. 36 Tanah Kusir	625-0216	bodyrepair	739-4115	Anton		Anton					jakarta selatan
Select	Eko Prabowo	jl. Dempo 5 no. 2	0812-9408808	personal			item						

<p>CUSTOMER_ID: 7 CUSTOMER_NAME: Armada Auto Tara CUSTOMER_ADDRESS: jl. Margonda Raya no. 12 Depok CUSTOMER_PHONE: 777-5477 CUSTOMER_TYPE: authorized CUSTOMER_FAX: 777-5477 CUSTOMER_CONTACTPERSON: Bahrudin CUSTOMER_DESCRIPTION: Daihatsu CUSTOMER_CASHIER: CUSTOMER_POSTCODE: CUSTOMER_CITY: jakarta selatan CUSTOMER_EMAIL: CUSTOMER_DISCOUNT: Edit Delete New</p>
--

Figure 5.3 customer profile page

5.4 Test plan

Below are the test plans for the system, followed with test case table to describe the condition before and after of the system related to student's expected result. The test

case are applied by testing all possible inputs, conditions, and assumptions in order to find any hidden bugs (if exist).

5.4.1 Customer Part

Table 5.1 View Customer Purchase History

View Customer Purchase History					
No.	Test Case	Precondition	Test Steps	Expected Results	Status
1	System user view the purchase transaction of customer	System user are logged in to the system	1. User clicks “CRM” menu and choose customer profile part 3. Select the option which are view customer purchase history	2. Display a page of list customer profile 4. Display a page of viewing customer purchase history	OK

Table 5.2 View Customer Profile

View Customer Profile					
No.	Test Case	Precondition	Test Steps	Expected Results	Status
2	System user view customer profile	System user are logged in to the system	1. User clicks “CRM” menu and choose customer profile part	2. Display a page of customer 4. Display a page of viewing	OK

			3. Select the option which are view customer	existing customer	
--	--	--	--	-------------------	--

Table 5.3 Add Customer

Add a Customer					
No.	Test Case	Precondition	Test Steps	Expected Results	Status
3	System user can add new customer profile	System user are logged in to the system	1. User clicks “CRM” menu and choose customer profile part 2. Select the add new customer option and fill the required fields	3. Display a page of list customer profile 4. Display a page of viewing customer profile	OK

Table 5.4 Update Customer Profile

Update Customer Profile					
No.	Test Case	Precondition	Test Steps	Expected Results	Status
4	System user can update customer	System user are logged	1. User clicks “CRM” menu and	2. Display a page	OK

	profile	in to the system	choose customer profile part 3. Select the option which are update customer	of customer 4. Display a page of the new feature updateing existing customer	
--	---------	------------------	--	---	--

5.4.2 Supplier Part

Table 5.5 View Supplier Profile

View Supplier Profile					
No.	Test Case	Precondition	Test Steps	Expected Results	Status
1	System user can view the suppliers profile	System user are logged in to the system	1. User clicks "CRM" menu and choose supplier profile part 3. Select the option which are view supplier	2.Display a page of supplier 4.Display a page contain lists of supplier profile	OK

Table 5.6 Add Supplier Profile

Add Supplier Profile					
No.	Test Case	Precondition	Test Steps	Expected Results	Status

2	System user can add the suppliers profile	System user are logged in to the system	<ol style="list-style-type: none"> 1. User clicks “CRM” menu and choose supplier profile part 3. Select the option which users can creates a new supplier 	<ol style="list-style-type: none"> 2. Display a page of supplier 4. Display a page contain lists of supplier profile 	OK
---	---	---	---	--	----

Table 5.7 Update Supplier Profile

Update Supplier Profile					
No.	Test Case	Precondition	Test Steps	Expected Results	Status
3	System user can update the suppliers profile	System user are logged in to the system	<ol style="list-style-type: none"> 1. User clicks “CRM” menu and choose supplier profile part 3. Select the option which users can update any given customer new supplier 	<ol style="list-style-type: none"> 2. Display a page of supplier 4. Display a page contain lists of supplier profile 	OK

			customer		
--	--	--	----------	--	--